

# System Providing Methodology for the Restoration of Original Media Quality in Messaging Environments

## Abstract

A system providing methodology for the restoration of original media quality in messaging environments is described. In one embodiment, for example, deployed in a messaging system, a method of the present invention is described for restoring media items to original quality, the method comprises steps of: upon receipt of a message containing an original media item that is new, storing the original media item in a repository; generating an identifier for identifying the original media item stored in the repository; replacing the original media item in the message with a substitute copy that includes the identifier; and upon future encounter of a particular media item having the identifier, restoring the particular media item to original quality using the identifier.